Index to volume 28, 1971

A

Absence, in relation to length and distribution of shift hours, 36
———levels, and personality inventory scores, 126
AKGÜN, T., *see* AKSOY, M. *et al.*
AKSOY, M., DINÇOL, K., AKGÜN, T., ERDEM, S., and DINÇOL, G.: Haematological effects of chronic benzene poisoning in 217 workers, 296
ANDERSON, J. A. D.: Rheumatism in industry: a review, 103
Appointed Factory Doctor Service, early evolution, 315
ARCHIBALD, R. M., *see* WALKER, D. D. *et al.*
ARONSEN, B. HAEGER, *see* HAEGER-ARONSEN, B.
Asbestos, incidence of mesothelioma in workers, 59
———insulation workers in Belfast. 1. Comparison of a random sample with a control population, 211: 2. Morbidity in men at work, 217: 3. Mortality 1940-66, 226
Asphyxiation, electrical, physiological changes during, 164
Atomic absorption spectrophotometry, in determination of lead in capillary blood, 392
ATTFIELD, M. D., *see* WALKER, D. D. *et al.*

B

BAETJER, A. M., *see* JONES, R. *et al.*
Bagassosis, pulmonary function at rest and during exercise following, 152
BECK, E. G., HOLT, P. F., and NASRALLAH, E. T.: Effects of chrysotile and acid-treated chrysotile on macrophage cultures, 179
BELL, C. R. and WATTS, A. J.: Thermal limits for industrial workers, 259
'Bends', in bridge construction workers, 346
Benzene poisoning, chronic, haematological effects in 217 workers, 296
BINASCHI, S., *see* SALVINI, M. *et al.*
Bone, aseptic necrosis, and decompression sickness, investigations during and after construction of Tyne Road Tunnel (1962-66), 1

Book reviews:
BAILLIÈRE's Handbook of first aid, edited by S. Miles, 6th ed., 1970, 208
BECKENKAMP, H. W.: Arbeit und Gesundheit: Chronische Bronchitis und Lungenemphysem, 1970, 406
BLEJER, H. P. and CAPLAN, P. E., *editors:* Occupational health aspects of cadmium inhalation poisoning with special reference to welding and silver brazing, 1969, 207
CHEST AND HEART ASSOCIATION: The human side of heart illness, 102
EAST GERMANY: Ministry of Building Construction, Conference of the Sections of Building and of Chemistry of Department of Hygiene and Safety, Halle, 1968, Report, 1969, 102
EAST GERMANY: Ministry of Building Construction, Symposium on Occupational Hygiene and Safety in the Building Industry, Eisenach, 1968, Report, 1969, 102
ELLIS, G., *editor:* Units, symbols and abbreviations. A guide for biological and medical editors and authors, 1971, 406
GRANDJEAN, E.: Fitting the task to the man—an ergonomic approach, 210
HENRY, H. F.: Fundamentals of radiation protection, 1969, 100
HOLLAND, W. W., *editor:* Data handling in epidemiology, 1970, 312
INTERNATIONAL COMMISSION ON RADIOLOGICAL PROTECTION: Protection against ionising radiation from external sources, 1970. 312
INTERNATIONAL COMMISSION ON RADIOLOGICAL PROTECTION: Protection of the patient in X-ray diagnosis, 1970, 209
INTERNATIONAL LABOUR OFFICE: Permissible levels of toxic substances in the environment, 1969, 207
JAQUES, E.: Work, creativity and social justice, 1970, 313
KEENEY, A. H.: Proceedings of the 11th Annual Meeting of the American Association for Automotive Medicine, 1970, 102
KNOWELDEN, J., MORK, T., and PHILLIPS, A. J., *editors:* The registry in cancer control, Vol 5, 1970, 100
MACLEAN, A., *editor:* Mental health and work organisation, 1970, 404
MATTHEW, H. and LAWSON, A. A. H.: Treatment of common acute poisonings, 1970, 101
OFFICE OF HEALTH ECONOMICS: Off sick, 1971, 405
PEMBERTON, J.: Will Pickles of Wensleydale, 1970, 313
PORTER, R., and BIRCH, J., *editors:* Chemical influences on behaviour, 1970, 313
SINGLETON, W. T. *et al.*, *editors:* Measurement of man at work: an appraisal of physiological and psychological criteria in man-made systems, 1971, 405
SOCIETY OF OCCUPATIONAL MEDICINE: Proceedings of the symposium on the psychological effects of noise, 1970, 208
THOMPSON, R. V. S.: Primary repair of soft tissue injuries, 1970, 101
WELFORD, A. T. and HOUSSIADAS, L., *editors:* Contemporary problems in perception, 1970, 209

BREMAN, J., *see* JELTES, R. *et al.*
Bridge construction workers, decompression sickness, 346
Bronchitis, coke industry employees, epidemiological survey, 358

BURGHARDT, E., *see* JELTES, R. *et al.*
BUTLER, C. and KLEINERMAN, J.: Paraquat in the rabbit, 67
Byssinosis, aetiology in cotton plant workers, 143
———Comparative study in female non-smoking cotton and jute workers, 364

C

Caisson workers, decompression sickness, 346
CAMBRIDGE, G. W., *see* HOW, M. J. and CAMBRIDGE, G. W.
Carbon disulphide poisoning, manifest and latent, psychological picture, 374
Cataract and heat exposure in steel workers, epidemiological study, 265
CERNIK, A. A. and SAYERS, M. H. P.: Determination of lead in capillary blood using a paper punched disc atomic absorption technique, 392
Chain saw operators, vibration syndrome, Forestry Commission, 83
Chlorine, organic compounds, excretion after exposure to vapours of trichloroethylene and tetrachloroethylene, 386
Chrysotile and acid-treated chrysotile, effects on macrophage cultures, 179
CLARK, D. G.: Inhibition of the absorption of paraquat from the gastrointestinal tract of adsorbents, 186
COCHRANE, A. L., *see* WALLACE, J. *et al.*
Coke industry, occurrence of bronchitis amongst employees, epidemiological survey, 358
COLLINS, K. J., EDDY, T. P., LEE, D. E., and SWANN, P. G: Nutritional and environmental studies on an ocean-going oil tanker. 1. Thermal environment, 237
———and WHEELER, E. F.: Nutritional and environmental studies on an ocean-going oil tanker. 2. Heat acclimatization and nutrient balances, 246
Cotton and jute respiratory function in female non-smoking workers, comparative study, 364
Cramp, occupational, in telegraphists, 280
CROWN, S., *see* HOWELL, R. W. and CROWN, S.
Cultures, macrophage, effects of chrysotile and acid-treated chrysotile on, 179

D

DE LA MARE, G., *see* WALKER, J. and DE LA MARE, G.
Decompression sickness, and aseptic necrosis of bone, investigations during and after Tyne Road Tunnel (1962-66), 1
———in caisson workers, 346
Dermatitis, oil, prognosis, 122
Dichloroacetylene and phosgene, gas chromatographic determination in air, 96
Diet, seaman's, in ocean-going oil tanker, 335
DINÇOL, K., *see* ASKOY, M. *et al.*
DUNCAN, K. P.: Occupational health and safety in Great Britain, 1969: notes and miscellanea, 200
Dry battery industry, manganese poisoning in, 78

E

EDDY, T. P., STOCK, A. L., and WHEELER, E. F.: Nutritional and environmental studies on an ocean-going oil tanker. 3. Energy balances and physique, 323
———Nutritional and environmental studies on an ocean-going oil tanker. 4. The diet of seamen, 335
———*see also* COLLINS, K. J. *et al.*
EDWARDS, R. H. T., *see* MILLER, G. J. *et al.*
EL GHAWABI, M. H., *see* EL GHAWABI, S. H. *et al.*
EL GHAWABI, S. H., MANSOUR, M. B., YOUSSEF, F. L., EL GHAWABI, M. H., and EL LATIF, M. M. A.: Decompression sickness in caisson workers, 346
———*see also* EMARA, A. M. *et al.*
EL LATIF, M. M. A., *see* EL GHAWABI, S. H. *et al.*
EL-SAMRA, G. H., *see* EMARA, A. M. *et al.*
Electric shock, physiological changes during, 164
ELMES, P. C.: International classification of radiographs of pneumoconioses: notes and miscellanea, 93
———and SIMPSON, M. J. C.: Insulation workers in Belfast. 3. Mortality 1940-66, 226
EMARA, A. M., EL GHAWABI, S. H., MADKOUR, O. I., and EL-SAMRA, G. H.: Chronic manganese poisoning in the dry battery industry, 78
Energy balances and physique, ocean-going oil tanker, 323
Environment, thermal, for industrial workers, 259
Enzymes used in washing products, prick tests and serological tests in diagnosis of allergic reactivity, 303
ERDEM, S., *see* AKSOY, M. *et al.*

F

Factory Doctor Service, early evolution, 315
FERGUSON, D.: An Australian study of telegraphists' cramp, 280
Fishing, deep-sea, hazards, 27
FUKUDA, K.: Metallic mercury induced tremor in rabbits and mercury content of the central nervous system, 308

G

GHAWABI, M. H. EL, *see* EL GHAWABI, M. H.
GHAWABI, S. H. EL, *see* EL GHAWABI, S. H.
Goblet cells, in rat airway epithelium, effect of extremes of temperature and humidity on count, 369
GRAHAM, P. A., *see* WALLACE, J. *et al.*

H

HAEGER-ARONSEN, B.: An assessment of the laboratory tests used to monitor the exposure of lead workers, 52
HÄNNINEN, H.: Psychological picture of manifest and latent carbon disulphide poisoning, 374
HEARN, C. E. D. and KEIR, K.: Nail damage in spray operators exposed to paraquat, 399
———*see also* MILLER, G. J. *et al.*
Heat acclimatization, ocean-going oil tanker, 246
HELLSTRØM, B. and MYHRE, K.: A comparison of some methods of diagnosing Raynaud phenomena of occupational origin, 272
Hemp workers, peak flow rate in relation to forced expiratory volume, 159
HIBBS, A., *see* COLLINS, K. J. *et al.*
Hippuric acid, and *m*- or *p*-methylhippuric acid, excretion in urine, 382
HOLT, P. F.: Poly (vinylpyridine oxides) in pneumoconiosis research, 72
———*see also* BECK, E. G. *et al.*
HOW, M. J. and CAMBRIDGE, G. W.: Prick-tests and serological tests in the diagnosis of allergic reactivity to enzymes used in washing products, 303

HOWELL, R. W. and CROWN, S.: Sickness absence levels and personality inventory scores, 126
Humidity and temperature, effect of extremes on goblet cell count in rat airway epithelium, 369

I

IKEDA, M., OHTSUJI, H., KAWAI, H., and KUNIYOSHI, M.: Excretion kinetics of urinary metabolites in a patient addicted to trichloroethylene: notes and miscellanea, 203
IKEDA, T., *see also* OKADA, A. *et al.*
Industrial revolution, involvement of the doctor in, 22
Insulation workers in Belfast. 1. Comparison of a random sample with a control population, 211: 2. Morbidity in men still at work, 217: 3. Mortality 1940-66, 226

J

JELTES, R., BURGHARDT, E., and BREMAN, J.: Gas chromatographic determination of phosgene and dichloroacetylene in air: notes and miscellanea, 96
JOHNSON, M. L. and WILSON, H. T. H.: Oil dermatitis: an enquiry into its prognosis, 122
JONES, R., BAETJER, A. M., and REID, L.: Effect of extremes of temperature and humidity on the goblet cell count in the rat airway epithelium, 369
Jute and cotton, respiratory function in female non-smoking workers, comparative study, 364

K

KAWAI, H., *see* IKEDA, M. *et al.*
KEIGHLEY, G. D., *see* TAYLOR, W. *et al.*
KEIR, K., *see* HEARN, C. E. D. and KEIR, K.
KELL, R. L., *see* TAYLOR, W. *et al.*
KLEINERMAN, J., *see* BUTLER, C. and KLEINERMAN, J.
KUNIYOSHI, M., *see* IKEDA, M. *et al.*

L

LANGLANDS, J. H. M., WALLACE, W. F. M., and SIMPSON, M. J. C.: Insulation workers in Belfast. 2. Morbidity in men still at work, 217
————*see also* WALLACE, W. F. M. and LANGLANDS, J. H. M.
Laser safety, short course, 1971, 314
LATIF, M. M. A. EL, *see* EL LATIF, M. M. A.
Lead, absorption and intoxication, correlation between some parameters, 195
——balance between intake and output in normal individuals, 189
——determination in capillary blood, using a paper punched disc atomic absorption technique, 392
——workers, exposure, assessment of laboratory tests for monitoring, 52
LEE, D. E., *see* COLLINS, K. J. *et al.*
Lens opacities among steel workers, epidemiological study, 265
LEVY, L. S.: Physiological changes during electrical asphyxiation, 164
LINDARS, D. C.: An elaboration of small opacity types (p, m, and n) in simple pneumoconiosis, 131
LUCAS, F., *see* Taylor, G. *et al.*

M

MCCALLUM, R. I.: Vibration syndrome: notes and miscellanea, 90
MCLINTOCK, J. S.: The selection of juvenile entrants to mining, 45
MADKOUR, O. I., *see* EMARA, A. M. *et al.*
Manganese poisoning, chronic, in dry battery industry, 78
MANSOUR, M. B., *see* EL GHAWABI, S. H. *et al.*
MARE, G. DE LA, *see* DE LA MARE, G.
MASSOUD, A. A. E., *see* TAYLOR, G. *et al.*
MEDICAL RESEARCH COUNCIL Decompression Sickness Central Registry, University of Newcastle upon Tyne: Decompression sickness and aseptic necrosis of bone. Report of Decompression Sickness Panel, 1
Mercury induced tremor and mercury content of CNS, rabbits, 308
Mesothelioma, epidemiology, Walcheren Island, 59
MILLER, G. J., HEARN, C. E. D., and EDWARDS, R. H. T.: Pulmonary function at rest and during exercise following bagassosis, 152
Mining, selection of juvenile entrants, 45
Myalgia, occupational, in telegraphists, 280
MYHRE, K., *see* HELLSTRØM, B. and MYHRE, K.

N

NAGANO, C., *see* OKADA A. *et al.*
Nail damage in spray operators exposed to paraquat, 399
NASRALLAH, E. T., *see* BECK, E. G. *et al.*
Nutritional and environmental studies, ocean going oil tanker, 1. Thermal environment, 237: 2. Heat acclimatization and nutrient balances, 246: 3. Energy balances and physique, 323: 4. The diet of seamen, 335

O

Occupational health, A. M. A. Congress, 1971. 314
Occupational health and safety in Great Britain, 1969, 200
OHTSUJI, H., *see* IKEDA, M. *et al.*
Oil dermatitis, prognosis, 122
OGATA, M., TAKATSUKA, Y., and TOMOKUNI, K.: Excretion of hippuric acid and *m*- or *p*-methylhippuric acid in the urine of persons exposed to vapours of toluene and *m*- or *p*-xylene in an exposure chamber and in workshops, with specific reference to repeated exposures, 382
Excretion of organic chlorine compounds in the urine of persons exposed to vapours of trichloroethylene and tetrachloroethylene, 386
OKADA, A., YAMASHITA, T., NAGANO, C., IKEDA, T., YACHI, A., and SHIBATA, S.: Studies on the diagnosis and pathogenesis of Raynaud's phenomenon of occupational origin, 353

P

Paraquat, inhibition of absorption from gastrointestinal tract by adsorbents, 186
————nail damage in spray operators, 399
————toxicity following intraperitoneal administration, 67
Peak flow rate in relation to forced expiratory volume in hemp workers, 159
PEARSON, J., *see* TAYLOR, W. *et al.*
Personality and sickness absence levels, 126

Phenol, evaluation of exposure to: absorption of phenol vapour in lungs and through skin, and excretion in urine, 172
Phosgene and dichloroacetylene, gas chromatographic determination in air, 96
PIOTROWSKI, J. K.: Evaluation of exposure to phenol: absorption of phenol vapour in the lungs and through the skin and excretion of phenol in urine, 172
Pneumoconiosis, Conference, IV International, Bucharest, 1971, 314
————effect of poly(vinylpyridine oxides) on, 72
————international classification of radiographs, 93
————simple, elaboration of small opacity types, 131
Pulmonary function at rest and during exercise following bagassosis, 152

R

Raynaud's phenomenon, occupational origin, diagnosis and pathogenesis, 353: comparison of methods, 272
————*see also* Vibration syndrome
REID, L., *see* JONES, R. *et al.*
René Barthe International Prize 1972, 210
Respiratory function in female non-smoking cotton and jute workers, 364; *see also* Pulmonary
Rheumatism in industry, review, 103
RIVA, M., *see* SALVINI, M. *et al.*
ROSE, M. E.: The doctor in the Industrial Revolution, 22

S

SALVINI, M., BINASCHI, S., and RIVA, M.: Evaluation of the psychophysiological functions in humans exposed to the 'Threshold Limit Value' of 1,1,1-trichloroethane, 286
————Evaluation of the psychophysiological functions in humans exposed to trichloroethylene, 293
SAMRA, G. H. EL-, *see* EL-SAMRA, G. H.
SAYERS, M. H. P., *see* CERNIK, A. A. and SAYERS, M. H. P.
SCHILLING, R. S. F.: Hazards of deep-sea fishing, 27
SHIBATA, S., *see* OKADA, A. *et al.*
Shift hours, length and distribution, absence from work in relation to, 36
Sickness absence, levels and personality inventory scores, 126
————relation to length and distribution of shift hours, 36
Silicosis prevention, III International competition, 1970, 314
SIMPSON, M. J. C., *see* ELMES, P. C. and SIMPSON, M. J. C.
LANGLANDS, J. H. M. *et al.*
SMILEY, J. A.: Some aspects of the early evolution of the appointed factory doctor service, 315
Steel workers, lens opacities in, epidemiological study, 265
STOCK, A. L., *see* COLLINS, K. J. *et al.*
EDDY, T. P. *et al.*
STUMPHIUS, J.: Epidemiology of mesothelioma on Walcheren Island, 59
SWANN, P. G., *see* COLLINS, K. J. *et al.*
SWEETNAM, P. M., *see* WALLACE, J. *et al.*

T

TAKATSUKA, Y., *see* OGATA, M. *et al.*
Tankers, oil, ocean-going, nutritional and environmental studies, 1. Thermal environment, 237: 2. Heat acclimatization and nutrient balances, 246: 3. Energy balances and physique, 323: 4. The diet of seamen, 335
TAYLOR, G., MASSOUD, A. A. E., and LUCAS, F.: Studies on the aetiology of byssinosis, 143
TAYLOR, W., PEARSON, J., KELL, R. L., and KEIGHLEY, G. D.: Vibration syndrome in Forestry Commission chain saw operators, 83
Telegraphists' cramp, Australian study, 280
Temperature and humidity, effect of extremes on goblet cell count in rat airway epithelium, 369
Tetrachloroethylene, and trichloroethylene, excretion of organic chlorine compounds after exposure, to, 386
Thermal environment, ocean-going oil tanker, 237
————limits for industrial workers, 259
THOMPSON, J. A.: Balance between intake and output of lead in normal individuals, 189
Toluene, excretion of hippuric acid and *m*- or *p*-methylhippuric acid after exposure to, 382
TOMOKUNI, K., *see* OGATA, M. *et al.*
Tremor, metallic mercury induced, and CNS mercury content, 308
Trichloroethane, evaluation of psychophysiological functions in humans, 286, 293
Trichloroethylene, excretion kinetics of urinary metabolites in addiction, 203
————and tetrachloroethylene, excretion of organic chlorine compounds after exposure to, 386

V

VALIĆ, F. and ŽUŠKIN, E.: A comparative study of respiratory function in female non-smoking cotton and jute workers, 364
————*see also* ŽUŠKIN, E. and VALIĆ, F.
Vibration syndrome, a review, 90
————in Forestry Commission chain saw operators, 83

W

WALDRON, H. A.: Correlation between some parameters of lead absorption and lead intoxication, 195
WALKER, D. D., ARCHIBALD, R. M., and ATTFIELD, M. D. Bronchitis in men employed in the coke industry, 358
WALKER, J. and DE LA MARE, G.: Absence from work in relation to length and distribution of shift hours, 36
WALLACE, J., SWEETNAM, P. M., WARNER, C. G., GRAHAM, P. A., and COCHRANE, A. L.: An epidemiological study of lens opacities among steel workers, 265
WALLACE, W. F. M. and LANGLANDS, J. H. M.: Insulation workers in Belfast. 1. Comparison of a random sample with a control population, 211
————*see also* LANGLANDS, J. H. M. *et al.*
WARNER, C. G., *see* WALLACE, J. *et al.*
Washing products, use of enzymes in, prick-tests and serological tests in diagnosis of allergic reactivity, 303
WATTS, A. J., *see* BELL, C. R. and WATTS, A. J.
WHEELER, E. F., *see* COLLINS, K. J. *et al.*
EDDY, T. P. *et al.*
WILSON, H. T. H., *see* JOHNSON, M. L. and WILSON, H. T. H.

X

Xylene, excretion of hippuric acid and *m*- or *p*- methylhippuric acid after exposure to, 382

Y

YACHI, A., *see* OKADA, A. *et al.*
YAMASHITA, T., *see* OKADA, A. *et al.*
YOUSSEF, F. L., *see* EL GHAWABI, S. H. *et al.*

Z

ŽUŠKIN, E., and VALIĆ, F.: Peak flow rate in relation to forced expiratory volume in hemp workers, 159
————*see also* VALIĆ, F. and ŽUŠKIN, E.